

Your Neighbourhood Credit Union

AVIGILON
THE BEST EVIDENCE™



Challenges

Deploy a high-resolution, IP-based high-definition surveillance system to secure cash assets kept on site and protect against theft and fraud.

Solution

Your Neighbourhood Credit Union (YNCU) uses the Avigilon Control Center (ACC) network video management software (NVMS) with High-Definition Stream Management™ (HDSM) technology alongside Avigilon HD 1 MP cameras to monitor main entrances, teller wickets, vault doors, and ATMs. They also purchased an Avigilon Network Video Recorder (NVR) to store in excess of 90 days of video footage.

Benefits

YNCU benefits from improved image quality and broad coverage to ensure they meet and exceed the recommended insurance standards. The credit union was also able to leverage its existing network for significant infrastructure savings and ease-of-installation due to the reduced bandwidth and storage requirements of the Avigilon system. YNCU can easily and cost-effectively scale to meet future needs.

- Exceeded insurance standards
- Leveraged existing network
- Cost-effective migration to high-definition surveillance

Market: Financial
Location: Canada
Partner: Chubb Edwards

Featured Products



ACC Software



1 MP HD Camera



Network Video Recorder



Your Neighbourhood Credit Union Relies on Avigilon High-Definition Surveillance System to Secure Cash Assets and Protect against Theft and Fraud

Locally-owned and operated, YNCU is a member-owned financial cooperative with 16 branches across Southwestern Ontario committed to delivering financial services that create value for its members. Serving more than 28,000 members with 140 employees, YNCU is responsible for more than \$680 Million in assets, making security a top priority. To safeguard members' investments, YNCU upgraded to the Avigilon high-definition surveillance system at several branches for improved image quality and advanced functionality and plans to upgrade all remaining branches as they are renovated and new locations are added to meet the needs of its growing membership.



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Securing Cash-handling Areas

Because each branch is a cash-handling environment at risk of theft and fraud, YNCU invests heavily in a variety of security solutions including vaults, drop safes, electronic locks, and alarm systems with motion and seismic sensors, and glass break detectors. “We are accountable to our member-owners and must ensure that we are doing everything possible to secure their money,” said Al Siemens, manager of facilities and special projects at YNCU. With the recent move of its Stratford, Ontario branch, YNCU replaced the existing analog-based surveillance system with a more advanced, high-definition system. Working closely with Chubb Edwards Canada, a provider of surveillance system design, installation, and service, YNCU chose to deploy the Avigilon high-definition surveillance system. YNCU has since deployed the Avigilon high-definition surveillance system at additional branches and plans to install it in more locations with the help of Chubb Edwards Canada.

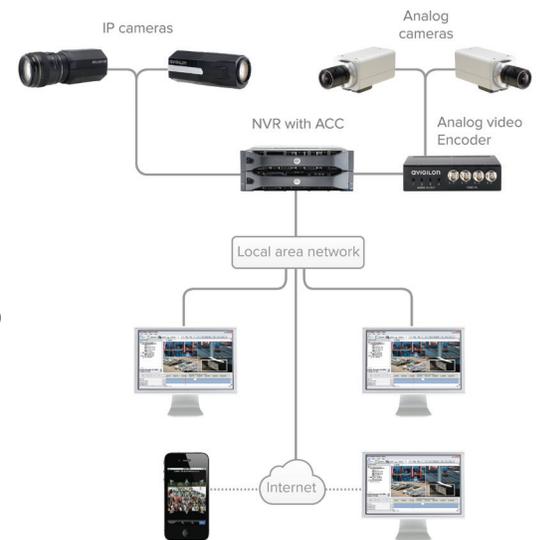


Insurance Standards

To ensure that the design meets recommended insurance standards, YNCU asked Central Risk and Insurance Management Services Ltd. (CRIMS), a risk and insurance management consultancy that provides security guidelines for insurances purposes, to review it. With sign-off from CRIMS, YNCU specifically installed Avigilon HD 1 MP cameras in its branches. The Avigilon HD 1 MP cameras monitor activity at all entrances, teller wickets, vault doors, and ATMs. Branch managers and the corporate risk manager leverage the Avigilon Control Center network video management software (NVMS) with High-Definition Stream Management (HDSM) technology to manage the system across the network. YNCU installed an Avigilon Network Video Recorder (NVR) to store up to 90 days of continuous video footage.

Superior Image Quality

According to Siemens, the biggest selling feature of the Avigilon high-definition surveillance system is its exceptional image quality. “The Avigilon high-definition surveillance system helps us capture a much higher resolution image than the grainy picture we were accustomed to, so we can better protect against theft and fraud,” stated Siemens. “The improvement in clarity is terrific.” Branch managers have also commented that the Avigilon Control Center software is very user-friendly.



Maximum Clarity with Minimum Bandwidth

YNCU leverages the capabilities of the Avigilon Control Center software to reduce the amount of bandwidth and storage needed. “If an event takes place that is of interest, we can obtain video of the time leading up to and following the event, even if there was no activity during those scenes, to gain a complete view of the incident in question,” explained Siemens. By leveraging HDSM technology, Avigilon Control Center also efficiently compresses and preserves image quality and sends only the requested portions of captured images to operator workstations for further savings in transmission bandwidth. YNCU’s old analog system stored a lot of unnecessary video that was usually disjointed in nature.

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High-Definition on the Network

YNCU can connect the Avigilon high-definition surveillance system into its existing network for significant infrastructure savings and ease-of-installation. “The Avigilon system runs off the same ADSL connection we use for data communications, so we did not have to upgrade our network to accommodate it,” noted Siemens. “I like that I can also log into the system from my desktop in Kitchener and tap into the Stratford system – 100 kilometres away – to ensure it is running smoothly.”

Scalable for Future Needs

With a long history of mergers and acquisitions that date back to the 1940s, YNCU continues along an aggressive growth path, adding new locations regularly to meet the needs of its expanding membership. “With our old analog-based system, we had to buy a four, eight, or sixteen camera card, hindering our ability to efficiently scale as needed,” concluded Siemens. “With Avigilon, we don’t have to increase card capacity to grow the system – we just buy a new camera and plug it in, saving both time and money.”

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